

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number
WO 2005/075438 A1

(51) International Patent Classification⁷: **C07D 237/14**,
239/36, 241/18, A61K 31/513, A61P 29/00

(74) Agents: **KAWAMIYA, Osamu** et al.; Aoyama & Partners,
IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi,
Osaka 540-0001 (JP).

(21) International Application Number:
PCT/JP2005/002194

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(22) International Filing Date: 8 February 2005 (08.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0402812.2 9 February 2004 (09.02.2004) GB

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): **TAN-
ABE SEIYAKU CO., LTD.** [JP/JP]; 2-10, Dosho-machi
3-chome, Chuo-ku, Osaka-shi, Osaka 541-8505 (JP).

(72) Inventors; and

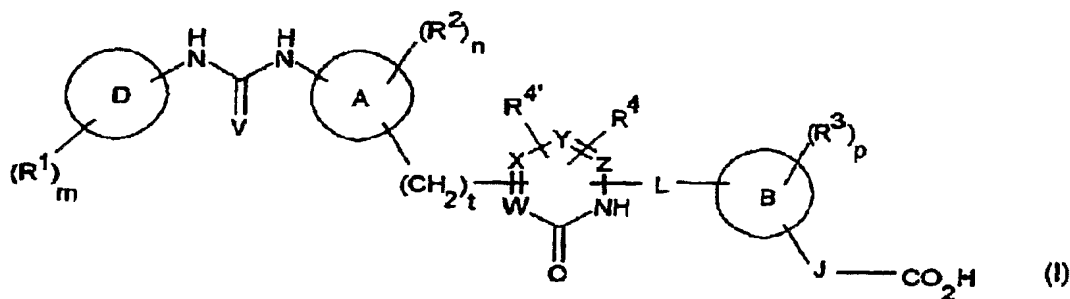
(75) Inventors/Applicants (for US only): **WARD, Robert,
William** [GB/GB]; c/o GlaxoSmithKline P.L.C., New
Frontiers Science Park North, Third Avenue, Harlow,
Essex CM195AW (GB). **WITHERINGTON, Jason**
[GB/GB]; c/o GlaxoSmithKline P.L.C., New Frontiers Sci-
ence Park North, Third Avenue, Harlow, Essex CM195AW
(GB).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: ALPHA-4 INTEGRIN MEDIATED CELL ADHESION INHIBITORS FOR THE TREATMENT OR PREVENTION OF INFLAMMATORY DISEASES



(57) Abstract: The present invention relates to novel compounds of formula (I), processes for their preparation, compositions comprising them and their use in the treatment or prevention of diseases capable of being modulated by the inhibition of cell adhesion.